

P.E 5.1.02

FORM 6-K

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

Report of Foreign Issuer Pursuant to Rule 13a-16 or 15d-16 of the Securities Exchange Act of 1934



For the month of May 2002

DATAMIRROR CORPORATION

(Registrant's name)

3100 Steeles Avenue East, Suite 700 Markham, Ontario, Canada L3R 8T3 (Address of principal executive offices)

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Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F:

Form 20-F	Form 40-F <u>X</u>
Indicate by check mark whether the contained in this Form is also thereby furn pursuant to Rule 12g3-2(b) under the Securit	<u> </u>
Yes	No X

Documents Included as Part of this Report

No. Document

1. Press Release dated May 14, 2002.

Document 1

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Web Site: www.datamirror.com

For Immediate Release

DataMirror Increases Its Stake In Idion Technology Holdings Limited

TORONTO, CANADA -- (May 14, 2002) -- DataMirror Corporation (Nasdaq: DMCX; TSE: DMC) today announced that it has purchased additional ordinary ("common") shares of Idion Technology Holdings Limited ("Idion") from institutional investors through the facilities of the JSE Securities Exchange at prices of approximately ZAR 1.80 (Cdn. \$0.28) per common share. DataMirror's current stake in Idion is approximately 33.9%.

About Idion

More information about Idion Technology Holdings Limited is available at www.idion.com.

About DataMirror

DataMirror (Nasdaq: DMCX; TSE: DMC) delivers LiveBusinessTM software solutions that let customers integrate data in real-time across their enterprises. DataMirror's comprehensive product family unlocks the experience of nowTM by providing the instant data access, integration and availability customers demand today across all computers in their business.

Over 1,500 companies use DataMirror to integrate their data. Real-time data drives all business. DataMirror is headquartered in Toronto, Canada, and has offices worldwide. DataMirror has been ranked in the Deloitte and Touche Fast 500 as one of the fastest growing technology companies in North America. For more information, call 1-800-362-5955 or visit the DataMirror web site at www.datamirror.com.

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Forward-looking statements in this press release, including statements regarding DataMirror Corporation's business which are not historical facts, are made pursuant to the "safe harbor" provisions of the United States Private Securities Litigation Reform Act of 1995. Forward-looking statements include statements of estimates, expectations, objectives and plans (financial and otherwise). The words "anticipate", "believe", "estimate", "expect" and similar expressions are intended to identify forward-looking statements. Numerous factors affect DataMirror's operating results and could cause DataMirror's actual results to differ materially from the results indicated by this press release or by any forward-looking statements made by, or on behalf of, DataMirror, and there can be no assurance that future results will meet expectations, estimates or projections. These factors include, but are not limited to, the following: risks involved in the completion and integration of the acquisition, expected cost savings from the acquisition may not be fully realized or realized within the expected timeframe, revenue of the combined company may be lower than expected, the possibility of technical, logistical or planning issues in connection with deployments, costs or difficulties related to obtaining regulatory approvals for completing the acquisition, costs or difficulties related to integration of the companies following the acquisition may be greater than expected, legislative or regulatory changes may adversely affect the businesses in which the companies are engaged. variability of quarterly operating results; dependence upon the continued growth and success of DataMirror's software products; competition; the ability to develop, market, support and acquire new products in an environment of rapidly changing technology; dependence upon continued growth in the database and enterprise data integration markets; dependence upon relationships with complementary vendors and distribution channels; the ability to recruit and retain key personnel; risks of international operations, currency exchange rate fluctuations and global economic conditions; possible software errors or defects; possible infringement claims by third parties; and other factors discussed in the Company's Annual Information Form and other periodic filings with the United States Securities and Exchange Commission and other regulatory authorities.

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SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Date: May 14, 2002

DATAMIRROR CORPORATION

Peter Cauley

Chief Financial Officer